L Number	Hits	Search Text	DB	Time stamp
-	2	20030004103.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:36
-	1	200247711.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/23 06:36
-	2	20020028772.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/23 06:36
-	1	1343876.did. and metabolism	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/23 06:37
-	2	9853050.did. and peptide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/23 06:38
-	8	"HJ loop" and modulate and "serine/threonine kinase"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:36
-	7	"HJ loop" and modulating and "serine/threonine kinase" and method	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:37
-	7	"HJ loop" and modulate and "serine/threonine kinase" and method	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:37
-	17	"HJ loop" and modulate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:38
-	18	"HJ loop"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:46
-	1485	"serine/threonine kinase"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:41
-	454	"serine/threonine kinase" and loop	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:41
-	9	"serine/threonine kinase" and "HJ" and loop	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:42
-	11598	modulation and kinase	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:46
-	1537	modulation SAME kinase	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:46
-	19	modulation SAME kinase SAME loop	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:52
-	0	"Val-Met-Thr-Gly-Glu-Leu-Pro-Phe"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:52

-	21789	Val and Met and Thr and Gly and Glu and Leu and Pro and Phe	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:53
-	19600	Val SAME Met SAME Thr SAME Gly SAME Glu SAME Leu SAME Pro SAME Phe	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:54
-	0	"V-M-T-G-Q-L-P-F"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:55

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*** ANNOUNCEMENT ***
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--File 654 - US published applications from March 15, 2001 to the
present are now online. Please see HELP NEWS 654 for details.

***

--File 581 - The 2003 annual reload of Population Demographics is
complete. Please see Help News581 for details.

***

--File 990 - NewsRoom now contains February 2003 to current records.
File 992 - NewsRoom 2003 archive has been newly created and contains
records from January 2003. The oldest months's records roll out of
File 990 and into File 992 on the first weekend of each month.
To search all 2003 records BEGIN 990, 992, or B NEWS2003, a new
OneSearch category.
***

--Connect Time joins DialUnits as pricing options on Dialog.
See HELP CONNECT for information.
***

*** --SourceOne patents are now delivered to your email inbox
as PDF replacing TIFF delivery. See HELP SOURCE1 for more
information.
***

--Important news for public and academic
libraries. See HELP LIBRARY for more information.
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--Important Notice to Freelance Authors--
See HELP FREELANCE for more information
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NEW FILES RELEASED
***Emergency Room (File 454), Hospital Inpatient Profiles (File 462),
   and Hospital Outpatient Profiles (File 463)
***World News Connection (File 985)
***Dialog NewsRoom - 2003 Archive (File 992)
***TRADEMARKSCAN-Czech Republic (File 680)
***TRADEMARKSCAN-Hungary (File 681)
***TRADEMARKSCAN-Poland (File 682)
***

UPDATING RESUMED
***

RELOADED
***Population Demographics -(File 581)
***CLAIMS Citation (Files 220-222)

*** DIALOG HOMEBASE(SM) Main Menu ***

Information:
  1. Announcements (new files, reloads, etc.)
  2. Database, Rates, & Command Descriptions
  3. Help in Choosing Databases for Your Topic
  4. Customer Services (telephone assistance, training, seminars, etc.)
  5. Product Descriptions

Connections:
  6. DIALOG(R) Document Delivery
  7. Data Star(R)

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Enter an option number to view information or to connect to an online
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(e.g., B1 for ERIC).
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B 155, 73, 344, 358, 65, 35
       15nov03 07:06:27 User268152 Session D31.1
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    $0.00  Estimated cost FileHomeBase
    $0.15  INTERNET
    $0.15  Estimated cost this search
    $0.15  Estimated total session cost   0.227 DialUnits


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  File 155:MEDLINE(R)  1966-2003/Nov W2
          (c) format only 2003 The Dialog Corp.
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*File 155: On 13 November, Medline will temporarily stop updating with
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Completed records. Please see HELP NEWS 154 for details.
  File  73:EMBASE  1974-2003/Nov W2
          (c) 2003 Elsevier Science B.V.
  File 344:Chinese Patents Abs  Aug 1985-2003/Apr
          (c) 2003 European Patent Office
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           153  AU=BEN-SASSON S?
     S1    153  AU=((BEN-SASSON, A?) OR (BEN-SASSON S?))
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S S1 AND "HJ LOOP"
           153  S1
             0  HJ LOOP
     S2      0  S1 AND "HJ LOOP"
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S S1 AND "HJ"
           153  S1
           283  HJ
     S3      0  S1 AND "HJ"
?
S S1 AND "SERINE/THREONINE"
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             0  SERINE/THREONINE
     S4      0  S1 AND "SERINE/THREONINE"
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S S1 AND "KINASE"
           153  S1
        367898  KINASE
     S5      7  S1 AND "KINASE"
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S S5 AND MODULATING
             7  S5
         46175  MODULATING
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7/3,AB/1   (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
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15524478   22840662   PMID: 12763936
 **Induction of pro-angiogenic signaling by a synthetic peptide derived from
 the second intracellular loop of S1P3 (EDG3).**

    Licht Tamar; Tsirulnikov Lilia; Reuveni Hadas; Yarnitzky Talia;
Ben-Sasson Shmuel A
    Keryx Biopharmaceuticals, Jerusalem, Israel.

    The G-protein-coupled receptors of the endothelial differentiation gene
(EDG) family mediate pro-angiogenic activities, such as endothelial cell
proliferation, chemotaxis, and vessel morphogenesis. We synthesized and
tested the effects of a 9-amino acid peptide (KRX-725), derived from the
second intracellular loop of S1P3 (EDG3). KRX-725 mimics the effects of
sphingosine 1-phosphate (S1P), the natural ligand of S1P3, by triggering a
Gi-dependent MEK-ERK (mitogen-activated protein kinase kinase and
extracellular signal-regulated kinase) signal transduction pathway. Using
aortic rings as an ex vivo model of angiogenesis, vascular sprouting was
assessed in the presence of KRX-725 or S1P. KRX-725 induced extensive and
dense vascular sprouts, which contain an elaborated organization of
endothelial and smooth muscle layers, including lumen formation. When
KRX-725 or S1P was combined with proangiogenic factors, such as basic
fibroblast growth factor (bFGF), stem cell factor, or vascular endothelial
growth factor, the effect was synergistic, leading to further enhancement
of vascular sprouting. KRX-725 also initiated neovascularization in a mouse
corneal pocket assay in vivo and showed synergism with bFGF. The
specificity of KRX-725 was demonstrated via peptide-induced receptor
internalization of S1P3 but not S1P1. The ability of a short peptide to
stimulate extensive angiogenesis and to synergize with pro-angiogenic
factors suggests that KRX-725 may serve as a useful agent in treating
pathologic conditions such as peripheral vascular disease, cardiac
ischemia, or tissue grafts.

7/3,AB/2   (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
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12265714   EMBASE No: 2003375236
 **Induction of pro-angiogenic signaling by a synthetic peptide derived from
 the second intracellular loop of S1PSUB3 (EDG3)**

    Licht T.; Tsirulnikov L.; Reuveni H.; Yarnitzky T.; Ben-Sasson S.A.
    S.A. Ben-Sasson, Dept. of Exp. Med./Cancer Research, Hebrew

Univ.-Hadassah Medical School, POB 12272, Jerusalem Israel
AUTHOR EMAIL: muli@md.huji.ac.il

The G-protein-coupled receptors of the endothelial differentiation gene
(EDG) family mediate pro-angiogenic activities, such as endothelial cell
proliferation, chemotaxis, and vessel morphogenesis. We synthesized and
tested the effects of a 9-amino acid peptide (KRX-725), derived from the
second intracellular loop of S1PSUB3 (EDG3). KRX-725 mimics the effects of
sphingosine 1-phosphate (S1P), the natural ligand of S1P3, by triggering a
GSUBi-dependent MEK-ERK (mitogen-activated protein kinase kinase and
extracellular signal-regulated kinase) signal transduction pathway. Using
aortic rings as an ex-vivo model of angiogenesis, vascular sprouting was
assessed in the presence of KRX-725 or S1P. KRX-725 induced extensive and
dense vascular sprouts, which contain an elaborated organization of
endothelial and smooth muscle layers, including lumen formation. When
KRX-725 or S1P was combined with pro-angiogenic factors, such as basic
fibroblast growth factor (bFGF), stem cell factor, or vascular endothelial
growth factor, the effect was synergistic, leading to further enhancement
of vascular sprouting. KRX-725 also initiated neovascularization in a mouse
corneal pocket assay in vivo and showed synergism with bFGF. The
specificity of KRX-725 was demonstrated via peptide-induced receptor
internalization of S1 P3 but not S1PSUB1. The ability of a short peptide to
stimulate extensive angiogenesis and to synergize with pro-angiogenic
factors suggests that KRX-725 may serve as a useful agent in treating
pathologic conditions such as peripheral vascular disease, cardiac
ischemia, or tissue grafts. (c) 2003 by The American Society of Hematology.
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COST
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